

ABSTRACT

A ceiling fan quick connect blade system (10) is disclosed which is coupled to a conventional ceiling fan electric motor (11) having a lower portion (12). The motor lower portion has an annular array of threaded mounting holes (13) therein. A post (16) having a stem (17) and a head (18) is mounted within each mounting hole (13) and extends through a S-shaped spring (19). The blade system also includes a blade iron (27) having a motor mounting flange (28) and a blade mounting portion (29). The blade mounting portion (29) has a pair of guide pins (41) extending above a peripheral, top edge 42, a rubber dampening plate (43) having protrusions (44) configured to nest upon the guide pins (41), and a securing plate (45) mounted for pivotal movement through a mounting bolt (46). The securing plate has a pair of oppositely facing catches (48) and an elongated tab (49) sized and shaped to be received within a notch (51). Each catch has an upright portion (53) and an overhanging portion (54). The securing plate is pivotal between a blade unlocked position and a blade locked position. Each blade iron is coupled to a ceiling fan blade 56 having a pair of mounting holes (57) and a pair of guide holes (58). The mounting holes (57) are sized and shaped to receive the blade iron catches (48). The guide holes (58) are sized and shaped to receive the dampening plate protrusions (44).